

ABSTRACT:

A method is suggested for welding workpieces, particularly coated workpieces, and a device is suggested for implementing the method. By means of the device, at least at the welding point, alternately a zero gap and an outgassing gap adjustable in its height for the escape of the gases and vapors occurring during the welding operation can be generated, for this purpose at least a first workpiece being moved relative to a second workpiece. The method is characterized in that the relative movement between the workpieces is force-controlled and/or path-controlled.